

division number setting means, responsive to a bit stream input, for setting the division number N so that N sync blocks form the recording format, wherein N is an integer;

the bit stream including a predetermined number M of transport packets as a unit, wherein M is an integer and wherein the sync blocks are related to the transport packets such that N is not equal to M ;

header appending means for appending, to data of the bit stream before the division, a header indicating the transport packet; and

format forming means for forming N consecutive sync blocks from the data after the division of the bit stream.

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cancel.*